

active

1 May 1960

PHOTOGRAPHIC RECTIFIER

Report of Technical Progress

STATINTL

STATINTL

In the last report, dated 1 April 1960, considerable attention was devoted to problems related to delivery of the inductosyn from [redacted]

[redacted] A visit to [redacted] engineer has served to resolve the basic design problems surrounding this unit, and delivery by the end of May has been promised.

STATINTL

Design of the Reader and Printer is complete. Mechanical assembly of the first of each of these units has proceeded as far as possible pending receipt of long-lead purchased items. Cabling is in work at present.

All design of the Control Console has been completed with exception of the phototransmission system. At present, it appears as if design of the entire Control Console will be complete by the end of May. Final assembly should be completed early in June, permitting all effort to be devoted to system testing.

As a result of various design delays that have resulted, [redacted] recognizes that the schedule for delivery of the first Rectifier unit will be difficult to meet. However, if testing proceeds with a minimum of problems being encountered, this delivery still appears feasible.

STATINTL

It is impossible to predict the effect on delivery of possible difficulties that may arise.

STATINTL

[redacted]
System Manager

Declass Review by NIMA/DOD

STATINTL

1 photostat each sent
to [redacted]

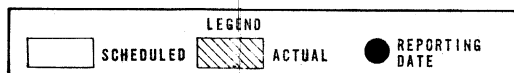
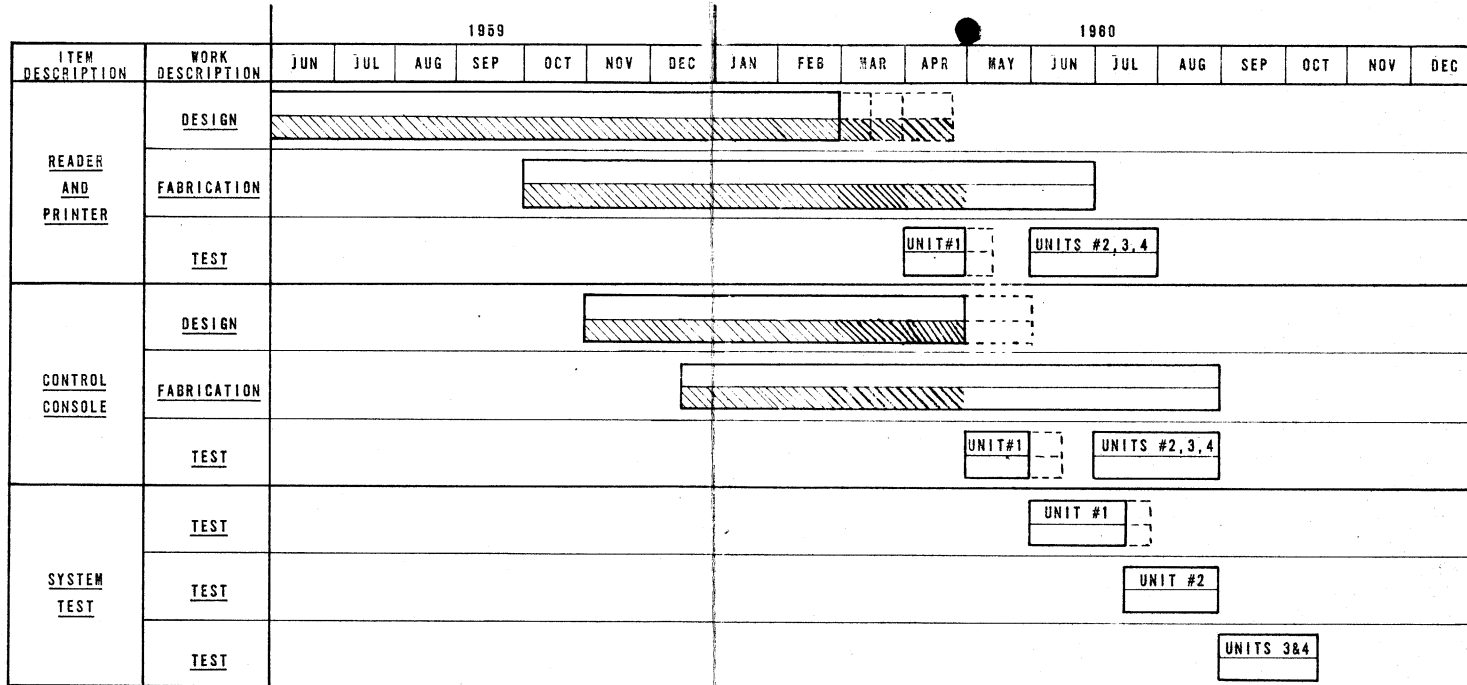
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Approved For Release 2002/06/17 : CIA-RDP78B04747A000600080009-9

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PHOTOGRAPHIC RECTIFIER-PRINTER WORK SCHEDULE AND PROGRESS CHART



1 May 1960

PHASE DIAGRAM FOR READER

<u>ASSEMBLY</u>	<u>PRE DESIGN</u>	<u>DESIGN COMPLETE</u>	<u>RELEASED</u>	<u>PURCHASED PARTS</u>	<u>FABRICATION</u>	<u>ASSEMBLY</u>	<u>TEST AND REMARKS</u>
Structure	Complete	Complete	Complete	Complete	One Complete Three In Work	In Work	
C.R.T. Housing	Complete	Complete	Complete	Complete	One Complete	One Complete	
C.R.T. Elect. Parts	Complete	Complete		One Complete	One Complete	One Complete	
Track Assembly - X Drive	Complete	Complete	One Complete	Complete	One Complete	In Work	
Lead Screw	Complete	Complete		One Complete	One Complete	Complete	
P.M.T. Drive & Servo	Complete	Complete	Complete	One Complete	One Complete	In Work	
Platen and Index Assembly	Complete	Complete	One Complete	One Complete	One Complete	In Work	Reticles and Align. Sys. not complete
Transducer	Complete	In Work		On Order	In Work		
P.M. Assy & Video Amp.	Complete	Complete	Complete	Complete	Complete	One Complete	
Valve - Pneu. and Vac.	Complete	Complete	Complete	Complete	Complete	In Work	
Doors	Complete	Complete	Complete	8 Ordered	1 Set Complete 3 Sets in Work	In Work	
X Deflection Amp.	Complete	Schem. Complete		Complete	Two Complete		
X Sweep Attenuator	Complete	Complete	Complete	Complete	Complete	One Complete	
Y Deflection Amp.	Complete	Schem. Complete		Complete	Two Complete	One Complete	
Y Sweep Attenuator	Complete	Complete	Complete	Complete	Complete	One Complete	
Focus Current Regulator	Complete	Complete	Complete	Complete	One Complete	One Complete	
1 KV. (for P.M.)	Complete	Complete	Complete	One Complete	Complete	One Complete	
20 KV.	Complete	Complete	Complete	Complete	Complete	One Complete	
Optisyn Pre - Amp.	Complete	Complete	Complete	Complete	Complete	Complete	

May 1, 1960

PHASE DIAGRAM FOR PRINTER

<u>ASSEMBLY</u>	<u>PRE DESIGN</u>	<u>DESIGN STATUS</u>	<u>RELEASED</u>	<u>PURCHASED PARTS</u>	<u>FABRICATION</u>	<u>ASSEMBLY</u>	<u>TEST AND REMARKS</u>
Structure	Complete	Complete	Complete	Complete	One Complete Three in Work	In Work	
Crt. Housing	Complete	Complete	Complete	In Work	One Complete		
Crt. Elect. Parts	Complete	Complete	In Work	One Complete	One Complete		
Track Assembly - X Drive	Complete	Complete	One Complete	Complete	One Complete	In Work	
Lead Screw					One Complete	Complete	
Drive Assembly - "X"	Complete	Complete	One Complete	Complete	One Complete		
Film Index	Complete	Complete	Complete	Complete	Complete	1 Assembly	
Lens Board	Complete	Complete	Complete	Complete	One Complete	One Complete	
Valve (Pneu & Vac)	Complete	Complete	Complete	Complete	Complete	One Complete	
Platen	Complete	Complete	One Complete	Complete	One Complete Three in Work	One Complete	
Cassettes	Complete	Complete	Complete	Complete	Two Complete Six in Work	Two Complete	
Doors	Complete	Complete	Complete	Complete	3 Sets in Work 1 Set Complete		
Vac. Pump			One Complete				
Focus Current Regulator	Complete	Complete	Complete	Complete	One Complete	One Complete	
20 K.V.	Complete	Complete	Complete	Complete	One Complete	One Complete	
"X" Defl. Amp.	Complete	Complete		Complete		One Complete	
"Y" Defl. Amp.	Complete	Complete		Complete		One Complete	

1 May 1960

PHASE DIAGRAM FOR CONSOLE

<u>ASSEMBLY</u>	<u>PRE DESIGN</u>	<u>DESIGN STATUS</u>	<u>RELEASED</u>	<u>PURCHASED PARTS</u>	<u>FABRICATION</u>	<u>ASSEMBLY</u>	<u>TEST AND REMARKS</u>
1. Rack	Complete	Complete	Complete	1 Unit	In Work	In Work	
1. Monitor	Complete	Complete	Ordered	4 Units	Received		Some modifications will be necessary
1. Master Control	Complete	In Work					
1. Sweep Amplifier	Complete	Complete		In Work	In Work	In Work	
1. Transportape	Complete	Complete	Complete	Complete	Complete	One Complete One in Work	
1. Tape Reader	Complete	Complete		1 on hand		In Work	
1. Relay Control Chassis	Complete	In Work		Integral with reader			
1. Program Control	Complete	Complete					
1. Film Index Servo	Complete	In Work		1 Unit	In Work	In Work	
1. Scan Servo	Complete	In Work		1 Unit			
1. Scan Comparator	Complete	Complete		1 Unit	In Work	In Work	
1. Scan Computer	Complete	Complete	Complete	4 Units	One Complete	In Work	
1. Power Supply - 28 VDC	Complete	Complete			2,3,4 In Work	Complete for 1	
2. Power Supply 300V	Complete	Complete		Complete	Complete for one	Complete for 1	
1. Power Supply 125V	Complete	Complete		Complete	Complete for one	Complete for 1	
Cables (internal)	Complete	In Work			In Work		